

New Outline Map Of Country Made

Washington.—The United States coast and geodetic survey recently announced the completion of a new outline map of the United States on the Lambert conformal conic projection, scale 1:5,000,000.

This map is intended merely as a base to which may be added any kind of special information desired. The shore line is compiled from the most recent coast and geodetic survey charts. State names and boundaries, principal rivers, capitals, and the larger cities in the different states are also embodied.

The map is of special interest from the fact that it is based on the same system of projection as that employed by the armies of the allied forces in the military operations in France. To meet those requirements and at the request of the army, special publications were prepared by the coast geodetic survey.

Many methods of projection have been designed to solve the difficult problem of representing a spherical surface on a plane. As different projections have unquestionable merit as well as equally serious defects, the announcement states, any region to be mapped should be made the subject of special study and that system of projection adopted which will give the best results for the area under consideration.

Value of New Map.

The Mercator projection, almost universally used for nautical charts, is responsible for many false impressions of the relative size of the countries differing in latitude, according to the survey statement. The polyconic projection, widely used and well adapted for both topographic and hydrographic surveys, when used for the whole of the United States in one map has the serious defect of unduly exaggerating the areas on its eastern and western limits. Along the Pacific coast and in Maine the error in scale is as much as 6½ per cent, while at New York it reaches 4½ per cent.

The value of the new outline map on the Lambert projection can best be realized when it is stated that it shows that throughout the largest and most important part of the United States, that is, between latitudes 30½ degrees and 49 degrees, the maximum scale error is only one-half of 1 per cent. This amount of scale error of one-half of 1 per cent is frequently less than

the distortion due to the method of printing and to changes from the humidity of the air. Only in southernmost Florida and Texas does this projection attain its maximum error of 2.13 per cent.

The Lambert projection is well adapted to large areas of predominately east and west dimensions in the United States where the distance across from east to west is 14.5 times that of the distance north and south.

The strength of the polyconic projection, on the other hand, is along its central meridian. The merits and defects of the two systems of projection may be stated in a general way as being at right angles to each other.

Special Features.

Special features of the Lambert projection that are not found in the poly-

conic may be stated briefly as follows:

1. The Lambert projection is conformal—that is, all angles between intersecting lines or curves are preserved, and for any given point (or restricted locality) the ratio of the length of a linear element on the earth's surface to the length of the corresponding map element is constant for all azimuths of directions in which the elements may be taken.

2. The meridians are straight lines, and the parallels are concentric circles.

3. It has two axes of strength instead of one, the standard parallels of the map of the United States being latitudes 33 degrees and 45 degrees, and upon these parallels the scale is absolutely free. The scale for any other part of the map, or for any parallel, can be obtained from special publication No. 52, page 36, United States coast and geodetic survey. By means of these tables the very small scale errors which exist in this projection can be entirely eliminated.

The map measures 25 inches by 39 inches and will be sold by the government at 25 cents.

Praise for Italian Army in Albania

New York.—Brig. Gen. George P. Scriven, formerly chief of the signal corps of the United States army, who was for several months attached as American military observer to the Italian forces in the field, and who recently returned from Rome, speaks enthusiastically of what he saw in Valona, or Avlona, as it is sometimes called, the chief port of Albania, which the secret treaty of London, in April, 1915, allotted to Italy. Valona, he said, is regarded by the Italians as one of the keys to the Adriatic, and their occupation since December, 1914, when troops were landed because of internal disorder, has transformed it from a squalid fishing village to a seaport that is on its way to attain an importance it has not enjoyed since the days of the Roman Empire. Docks have been built, buildings have been erected, and military roads, unsurpassed anywhere, have been constructed from Valona throughout Albania by Italian engineers, he said.

The general described how the Prince of Wied, placed on the Albanian throne by the powers, was overthrown,

and a republic set up with Essad Pasha as president. He, too, was forced out, and the little country was left a prey to Austrian intrigue from the north and the machinations of the pro-Germans. King Constantine of Greece from the south. On Christmas day, 1914, the Italian government, fearing possible developments in Albania, sent the 10th regiment of bersagliers to occupy the little fishing hamlet of Valona.

Saved Albania for Allies.

"By so doing," said General Scriven, "Italy saved at least the greater part of southern Albania from the horrors of Austrian and probably Bulgarian occupation, and, in addition, became the deciding factor in the great ultimate success of the Balkan campaign, which now appears to have been the loose stone in the arch that upheld the German power."

"By this peaceful occupation a military position was secured that later became an important naval station for the allies, as well as a strategic and tactical base of such importance that had it fallen into the hands of the enemy, the great military romance of the Balkans, if played at all, would have occupied a far more narrow stage, and the whole of western Albania would have been thrown open to the Germans."

"With the entrance of the Italians into the war, military activity in the Balkans increased. Additional forces were sent to Valona, from which as a base Italian control was extended over all southern Albania. The Italian troops, without violence, and, indeed, at the request of the inhabitants themselves, occupied the interior towns, or the ruins, as some of them then were, of Tepeleni, Argiro-Castro, Premati, Liascovi, Santa Quaranta, and Porto Palermo."

Made Modern City of Hamlet.

"When the Italians landed, Valona offered only the picture of a fishing village lying asleep in filth on the picturesque shores of what is a really beautiful bay."

"With the arrival of the Italians the town awoke as if by magic. Italy went to work to make Valona not only habitable but prosperous. Government buildings rose almost in the night."

General Scriven has just been informed by the Italian Embassy at Washington that for his service with the Italian armies the Grand Cross of the Crown of Italy has been conferred upon him."

IMPROVED UNIFORM INTERNATIONAL SUNDAY SCHOOL LESSON

(By REV. P. B. FITZWATER, D. D., Teacher of English Bible in the Moody Bible Institute of Chicago.)
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LESSON FOR JULY 6

CHURCH: ITS LIFE AND WORK.

LESSON TEXTS—Acts 2:1-4, 17-47; 1 Thess. 5:11-15.

GOLDEN TEXT—Christ also loved the church, and gave himself for it—Eph. 5:25.

ADDITIONAL MATERIAL—1 Cor. 12:4-31; Eph. 1:15-23; 4:11-16; 5:25-27; Rev. 1:10-20.

PRIMARY TOPIC—Our Father's House. JUNIOR TOPIC—Why We Should Love the Church.

INTERMEDIATE TOPIC—What the Church Does for Us and What We Should Do for the Church.

SENIOR AND ADULT TOPIC—The Spirit and Mission of the Church.

I. The Origin of the Church (Acts 2:1-4).

Fifty days after the passover, while the 120 men and women were "with one accord in one place" the Holy Spirit came upon them and baptized them into one body (1 Cor. 12:13). Thus was begun the body called the church. The church had its beginning at Pentecost. The believers were united around the resurrected Christ as head.

II. Conditions of Entrance into the Church (Acts 2:37-41).

After the coming of the Spirit at Pentecost, Peter witnessed to the death and resurrection of Christ. Through this testimony the Spirit convicted these Jews of their sins. In their desperate need they cried out: "What shall we do?" Peter's reply indicated the steps into the church.

(1) Belief in Jesus Christ as Savior. His argument proved that Jesus whom they had crucified was the Messiah.

(2) Repentance. Every one entering the church should repent; should change his mind and attitude toward Jesus Christ.

(3) Be baptized. The divinely appointed method for the public confession of Jesus Christ is baptism. Those who have believed in Jesus Christ should receive this tangible ordinance, which symbolizes our identification with Christ in his death, burial and resurrection.

(4) Receive remission of sins. Those who have been united to Jesus Christ have all their sins removed; there is an entire cancellation of guilt. They have a standing before God which is absolutely perfect.

(5) Receive the Holy Spirit. The gift of the Holy Spirit is the birthright of every regenerated soul who is obedient to Christ.

III. A Portrait of the Primitive Church (Acts 2:42-47).

1. They continued in the apostles' doctrine (v. 42). Instead of being taught by the scribes they are now taught by the apostles. They have turned away from their blind guides and are following new ones.

2. They continued in fellowship around Christ as the head (v. 42). The breaking of bread illustrated the oneness of believers in Christ. As all partook of one loaf, so all believers are one in Christ.

3. They continued in prayer (v. 42). The ideal church is a praying church.

4. They had a community of goods (vv. 43-45). They had all things in common. Those that had possessions sold them and distribution was made to every one as he had need.

5. They were filled with praise (v. 46). All those who have had the experience of the life of God being poured into them are filled with praise, and gratitude must express itself.

IV. The Mutual Duties of Officers and Members of the Church (1 Thess. 5:11-15).

1. Mutual intercourse for comfort and edification (v. 11). There is no caste in the church of Jesus Christ; it is a brotherhood.

2. Proper recognition should be given to those who are engaged in spiritual service (v. 12). Only as the grace of God abounds do men and women turn from their secular to spiritual interests. Those who thus respond to the call of God should have popular recognition.

3. Proper respect should be given to church officials (v. 13).

While we should not give worship to those who are leaders in the church of Christ we should give them proper respect. One of the signs of the degeneracy of the age is a lack of respect shown Christian ministers.

4. Live in peace (v. 13). Although there is in the church a diversity of interests and personalities the love of Christ should so fill us that there be no strife in his body.

5. Warn the disorderly (v. 14). As Christ chose twelve and one was a devil, so in the church there will be those who are disorderly. All such should be lovingly warned.

6. Be not retaliative (v. 15). Although others wrong us we should not retaliate.

WORSE THAN DEADLY POISON GAS

Kidney disease is no respecter of persons. It attacks young and old alike. In most cases the victim is warned of the approaching danger. Nature fights back. Headache, indigestion, insomnia, lame back, lumbago, sciatica, rheumatism, pain in the joints and lower abdomen, difficulty in urinating, all are indications of trouble brewing in your kidneys.

When such symptoms appear you will almost certainly find quick relief in GOLD MEDAL HAMMILL OIL CAPSULES.

This famous old remedy has stood the test for two hundred years in helping mankind to fight off disease.

It is imported direct from the home laboratories in Holland, where it has helped to develop the Dutch into one of the sturdiest and healthiest races in the world, and it may be had at almost every drug store. Your money promptly refunded if it does not relieve you. Be sure to get the genuine GOLD MEDAL Brand. In sealed packages, three sizes.—Adv.

Liberty is an eyesore to tyranny.

HOW THIS NERVOUS WOMAN GOT WELL

Told by Herself. Her Sincerity Should Convince Others.

Christopher, Ill.—"For four years I suffered from irregularities, weakness, nervousness, and was in a run down condition. Two of our best doctors failed to do me any good. I heard so much about what Lydia E. Pinkham's Vegetable Compound had done for others, I tried it and was cured. I am no longer nervous, am regular, and in excellent health. I believe the Compound will cure any female trouble."—Mrs. ALICE HELLER, Christopher, Ill.



Nervousness is often a symptom of weakness or some functional derangement, which may be overcome by this famous root and herb remedy, Lydia E. Pinkham's Vegetable Compound, as thousands of women have found by experience.

If complications exist, write Lydia E. Pinkham Medicine Co., Lynn, Mass., for suggestions in regard to your ailment. The result of its long experience is at your service.

HEADACHE Often Caused by Acid-Stomach

Yes, indeed, more often than you think. Because ACID-STOMACH, starting with indigestion, heartburn, belching, food-repeating, bloating and gas, if not checked, will eventually affect every vital organ of the body. Severe, blinding, splitting headaches are, therefore, of frequent occurrence as a result of this upset condition.

Take EATONIC. It quickly banishes acid-stomach with its sour bloating, pain and gas. It aids digestion—helps the stomach get full strength from every mouthful of food you eat. Millions of people are miserable, weak, sick and ailing because of ACID-STOMACH. Poisons, created by partly digested food charged with acid, are absorbed into the blood and distributed throughout the entire system. This often causes rheumatism, biliousness, cirrhosis of the liver, heart trouble, ulcers and even cancer of the stomach. It robs its victims of their health, undermines the strength of the most vigorous.

If you want to get back your physical and mental strength—be full of vim and vigor—enjoy life and be happy, you must get rid of your acid-stomach.

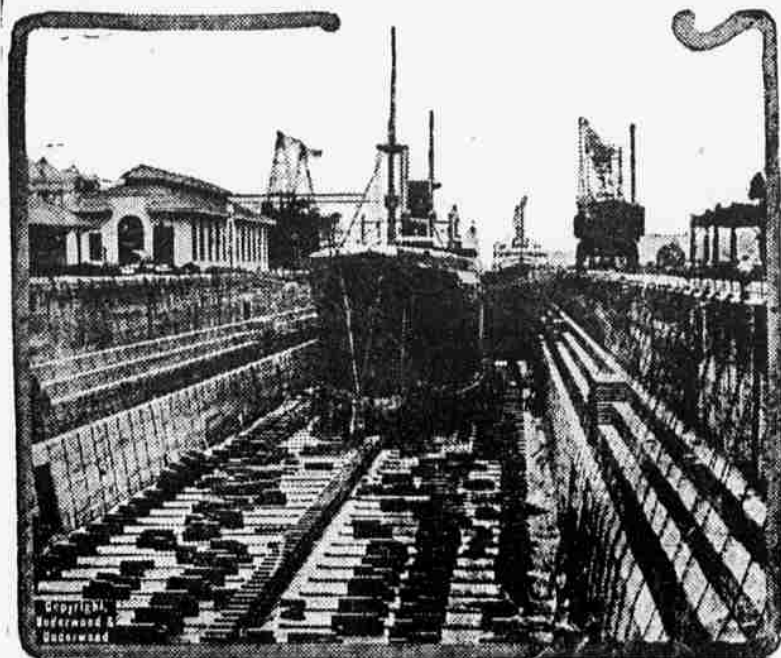
In EATONIC you will find the very help you need and it's guaranteed. So get a big box from your druggist today. If it fails to please you, return it and he will refund your money.

EATONIC FOR YOUR ACID-STOMACH



Nothing else will take its place and nothing else is just as good. All grocers, 5c

BIG CONCRETE DRY DOCK AT BALBOA



A 6,000-ton sea-going steamer undergoing repairs in the concrete dry dock at Balboa, the Pacific entrance to the Panama canal. This is the largest dry dock in the world.

German Mine Field in China Sea Discovered

Seattle.—German charts recently surrendered disclosed a large mine field in the China Sea, over which American ships, ignorant of its existence, passed safely many times. Captain J. E. Guptill of the steamer Senator said on arrival from the Orient. The German raider Wolf in September, 1917, laid the mines in a field sixty miles long by two miles wide, but set them too deep. Chinese trawlers, commanded by British officers, are removing the mines. One mine floated ashore and killed sixteen Malay islanders who started to break it up.

Doesn't Need Alarm Clock.

Jerseyville, Ill.—It doesn't require an alarm clock to wake Francis Graves—his watch did it last night. Burglars had dropped it on the floor.

Operates With Razor

American Red Cross Nurse Equal to Emergency.

Performs Life-or-Death Amputation With Improvised Instruments and Succeeds.

Drama, Macedonia.—With a razor, a spool of cotton thread and a small portion of ether and chloroform Miss Maria P. Kourouyev, an American Red Cross nurse, performed a life-or-death operation here as the result of which and her other errands of mercy she has come to be known as "the American angel" by the homeless and starving Greek refugees.

Born of Greek parents, Miss Kourouyev is a graduate nurse of the Massachusetts General hospital in Boston. Because of her knowledge of Greek the American Red Cross sent her to

Macedonia, where typhus, smallpox and cholera tread on each other's heels, and where the refugees bury their dead beneath the dirt floors of their shell-shattered shacks so that the bread crumbs of the dead member of their family shall not be taken up.

A Greek soldier, one of whose legs had been crushed, was brought to the box car on a railroad siding in which Miss Kourouyev was living. Something had to be done for him at once. Borrowing a razor, Miss Kourouyev anesthetized her patient with her small supply of ether, and performed an amputation, using cotton thread to "tie off" the arteries and veins.

Despite the prophecy of a local doctor that the aged patient would not live through the night Miss Kourouyev some time later received a visit from her patient. He had an American artificial limb made for him in the American Red Cross artificial leg factory for Greek war mutes in Athens.